15 April 1981

MEMORANDUM FOR:    Acting Director of Data Processing

ATTENTION:    Executive Officer

STAT    FROM:    [          ]
Deputy Director for Processing

SUBJECT:    Processing Weekly Report for
Week Ending 14 April 1981

1.    Systems Availability:  Attached is the Systems Availability
Report.

2.    Psuedo processing continues to detect and correct errors
in FEGLI transactions.  Approximately 95% of the transactions have
been processed to date.  FEGLI transactions will be applied during
the PAYROLL processing on Thursday, 16 April.  [          ]    STAT

STAT    3.    [          ] was the guest speaker at the weekly lunch
time meeting of the Analytic Methods and External Research Staff
of the Office of Political Analysis.  He covered a wide range of
RAMIS topics, primarily to bring them up-to-date on tools designed
to increase RAMIS' ease of use.  [        ]    STAT

4.    The GIMINI data base management software was installed
on the DDO's IBM 4331 minicomputer.  Also, a developmental data
base was moved from GIMDEV and new VM operating procedures were
STAT    developed.  [          ]

5.    Considerable progress has been achieved in stabilizing
the VM system running on the new IBM 3033 MP computer system.  The
largest number of problems have been successfully diagnosed as being
caused by incorrect channel sequences from the Comten communications
controllers.  The VM system has been modified to defend against
the bad interrupts, and we are now only occasionally experiencing
hung users associated with this problem.  [          ]    STAT

6.    The Ruffing Center had a better than usual week, although
there were a number of disturbances.  GIMDEV lost 100 minutes
Wednesday due to a memory failure on an IBM 168.  JES lost 47
minutes Thursday due to SPD software problems.  Interruptions
to VM continue to occur several times a day due to software problems
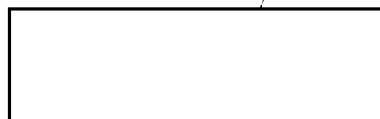
with VM and the new MP system. TADS had an excellent week, and the online systems did well also.

7. The Special Center experienced a moderate week. TPSTAR lost three hours altogether on Thursday--disk pack data was damaged and had to be restored, and there were difficulties in cancelling the job for a restart. CAMS lost 49 minutes Thursday due to some testing attempts to run CAMS on a backup CPU. CAMS also lost 25 minutes Friday due to applications software problems. DDOGIMS and NIPS had a very good week.

8. During the week of 6-10 April, the VM service was supported for approximately two and one-half days on each processor, the 3033 MP and the V/8. Comparison indicates that for a highly interactive user the average CPU response time on the MP has been .17 seconds; and on the V/8, .62 seconds. STAT

STAT

Att: a/s

UNCLASSIFIED

15 APRIL 1981

DDA/ODP
SYSTEMS AVAILABILITY SUMMARY
MONDAY 06 APR 1981 THRU SUNDAY 12 APR 1981

| SYSTEM | CURRENT WEEK 06 APR - 12 APR | PREVIOUS 90 DAYS 05 JAN - 05 APR | DIFFERENCE |
|---|---|---|---|
| BATCH | 99.24 | 96.04 | + 3.20 |
| INTERACTIVE | 94.79 | 95.80 | - 1.01 |
| GIMS | 100.00 | 94.83 | + 5.17 |
| CAMS | 98.53 | 98.12 | + .41 |
| OCR-COLTS | 99.30 | 93.61 | + 5.69 |
| OCR-RECON | 99.20 | 89.73 | + 9.47 |
| DDO-STAR | 95.46 | 95.18 | + .28 |
| OSWR-TADS | 100.00 | 97.24 | + 2.76 |

INTERACTIVE and DDO-STAR both reported below the goal of 96% for the week with each application recording outages due to hardware, software, and procedural errors.

- INTERACTIVE (VM) experienced 2 hours and 37 minutes of software errors, a 12 minute IBM hardware outage, and a 3 minute procedural problem.

- DDO-STAR had 4 hours of TELEX hardware outages.